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## Armed Services Technical Information Agency

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PRINCETON, NEW JERSEY  
SCHOOL OF ENGINEERING, JOHN C. GREEN FOUNDATION

DEPARTMENT OF AERONAUTICAL ENGINEERING  
THE JAMES H. HESTAL RESEARCH CENTER

May 2, 1956

FC

To: Commanding Officer  
Office of Naval Research  
Air Branch/Code 461  
Department of the Navy  
Washington 25, D. C.

Subject: Tandem Helicopter Stability Program, Status Report for the month of April, 1956.

Contract N6 onr-27024

Flight Test Operations:

A series of steady sideslip tests at all speeds has been satisfactorily completed. It is expected that this data in conjunction with a pending flight calibration of the sideslip vane will satisfy the data requirements for the lateral static stability phase of the program.

Theoretical Analysis:

Studies of dynamic response based on theoretical derivatives are continuing. It is expected that the writing of a preliminary theoretical report on static and dynamic lateral stability will begin shortly.

Very truly yours,

*Leonard Goland*

LEONARD GOLAND  
Chief Project Engineer

LG/nt  
cc:

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